



Hosted by

**Islanded Grid Resource Center (IGRC)
Renewable Energy Alaska Project (REAP)**

*in
association
with*

U.S. Department of Energy WINDEXchange

**Alaska Energy Authority
Alaska Center for Energy & Power
Island Institute**

**Fairbanks Pipeline Training Center
3600 Cartwright Court
Fairbanks, Alaska 99707
907-455-1240**

<div>AGENDA</div> <div>ISLANDED GRID WIND POWER WORKSHOP</div> <div>THURSDAY • APRIL 28, 2016</div> <div>FAIRBANKS PIPELINE TRAINING CENTER</div>	
4:30pm-6:30pm	<div>RECEPTION & REGISTRATION OPENS</div> <div>DWEA Update - Mike Bergey</div> <div>President, Distributed Wind Energy Association</div>

<div>FRIDAY • APRIL 29, 2016</div> <div>FAIRBANKS PIPELINE TRAINING CENTER</div>		
7:00am	REGISTRATION & HOSTED BREAKFAST	
8:00-8:30am	<div>WELCOME</div> <div>Chris Rose, Executive Director, Renewable Energy Alaska Project (REAP)</div> <div>Evon Peter, Vice Chancellor for Rural Community and Native Education, University of Alaska Fairbanks (UAF)</div>	
PLENARY #1 8:30-10:00am	<div>OPERATIONAL PROBLEMS & SOLUTIONS</div> <div>Moderator: Brent Petrie, Petrie & Associates</div> <div>Operations and maintenance can make or break the long-term economics of hybrid systems. This moderated session will feature a discussion from operators about common challenges, as well as best practices to overcome them.</div>	
		<div>John Handeland, General Manager, Nome Joint Utility Systems (NJUS)</div> <div>Nome, Alaska</div>
		<div>Eric Hanssen, Rural Energy Program Manager, Alaska Native Tribal Health Consortium (ANTHC)</div> <div>Anchorage, Alaska</div>
		<div>Brad Reeve, General Manager & CEO, Kotzebue Electric Association</div> <div>Kotzebue, Alaska</div>
10:00-10:30am	NETWORKING BREAK	
PLENARY #2 10:30-12:00pm	<div>INNOVATION IN ENERGY STORAGE</div> <div>Moderator: Brian Hirsch, Deerstone Consulting</div> <div>Cost effective, reliable energy storage is critical to achieve high contributions of renewable energy in microgrids. This moderated panel will examine the latest innovations in storage technologies, including ones still under development, and discuss the challenges in integrating storage on small grids.</div>	
		<div>Jim McDowall, Business Development Manager, SAFT America Inc.</div> <div>New Haven, Connecticut</div>
		<div>Gwen Holdmann, Director, Alaska Center for Energy & Power (ACEP)</div> <div>Fairbanks, Alaska</div>
		<div>Travis Hammond, Project Engineer Lead, TDX Power</div> <div>Anchorage, Alaska</div>

12:00–1:00pm	HOSTED LUNCH Alaska Energy Authority update – Josh Craft, Wind Program Manager	
PLENARY #3 1:00-2:30pm	<i>FINANCING</i> Moderator: Michael Catsi, Alaska Industrial Development and Export Authority (AIDEA) <i>This panel will explore the options for financing wind power systems from the perspective of funders and developers. Hear about what communities need to provide financiers to attract investment and get projects built.</i>	
		Mike Pawlowski, Chief of Staff, U.S. Sen. Lisa Murkowski Washington D.C.
		Dean Moretton, CEO, Adaptive Microgrids Valparaiso, Indiana
		Hugh Short, Co-Founder & Chairman/CEO, Pt Capital Anchorage, Alaska
2:30-3:00pm	NETWORKING BREAK	
PLENARY #4 3:00–4:30pm	<i>HUMAN CAPACITY</i> Moderator: Jackie Qatalina Schaeffer, WHPacific Inc. <i>Even the best technology can fail without well-trained operators, giving the technology a bad name. This moderated discussion will explore best practices to increase human capacity and expertise in small remote settings.</i>	
		Misty Conrad, Senior Technical Project Manager, National Renewable Energy Laboratory (NREL) Golden, Colorado
		Ben Smith, Industrial Engineering Instructor, AVTEC –Alaska’s Institute of Technology Seward, Alaska
		Joel Neimeyer, Federal Co-Chair, Denali Commission Anchorage, Alaska
4:30-5:30PM	WRAP-UP SESSION Moderator: Chris Rose, Renewable Energy Alaska Project (REAP) Ian Baring-Gould, National Renewable Energy Laboratory (NREL) Gwen Holdmann, Alaska Center for Energy & Power (ACEP) Dennis Meiners, Intelligent Energy Systems Doug MacCourt, US Dept. of Energy Office Of Indian Energy	

OPTIONAL DELTA JUNCTION WIND FARM TOUR

SATURDAY • APRIL 30, 2016

8:00AM - 3:00PM

The Islanded Grid Resource Center has reserved a coach bus to take participants to this 1.9-megawatt wind farm operated by Alaska Environmental Power. The wind farm is located in Delta Junction, about 90 miles from Fairbanks and feeds power into the state’s Railbelt Grid. It includes two EWT 900 turbines and one Northwind 100. The group will spend 2-3 hours at the site touring, observing the turbines and operating systems, and talking with operator and owner Mike Craft.

Cost: \$25

Box Lunch and transportation to and from Fairbanks provided.

Sign up when you register.

THANK YOU TO OUR ORGANIZERS AND SPONSORS!



This workshop is dedicated to the memory of Steve Gilbert, whose friendship and tireless contributions to the Alaska wind industry will be dearly missed.

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